

2013 Montana Government IT Conference

Security Sessions

Wednesday December 11, 2013

Security: “Ghost in Your Cloud Computing”

Presenter: Srinivas Mukkamala, Computational Analysis and Network Enterprise Solutions (CAaNES)/New Mexico Tech - Chief Security Strategist & Chief Technology Officer of CAaNES

In this session you be provided with information on how enterprises can discover, prioritize, and facilitate remediation of cloud centric cyber security risks (network, system, application, and processes) that are induced either by poor practices, misconfigurations, insecure coding practices, or inherent vulnerabilities. As well as information on Web Applications, Web Browsers, Drive-by Downloads, Web Shells, and a few real world scenarios where a mutant of a known malware infiltrated large complex networks using conventional and known attack vectors that are cloud centric, and key observations from this incident.

Security: “Security Best Practices”

Presenter: Jeremy Witt, Cisco Systems Inc.

This session will provide a high level overview of some of the common best practices used by the Industry today for computer/network security. These practices encompass the following: Management involvement, because if your security goals do not align with management’s vision then your design will be undermined resulting in upset management and a broken security policy; Secure the firewall (OSI Layer 3-4); Advance deep protocol inspection (OSI Layer 4-7); Default deny internet access (OSI Layer 7); and Computer systems.

Security: “Where's my data? Who's looking at it? Is that their device or ours?”

Presenter: Mike Sangray, Carroll College - Associate Director of Campus Computing & IT for Network & Enterprise Systems

Where's my data? Who's looking at it? Is that their device or ours? Whether we like it or not, "smart" mobile devices are upon us. Securing the device, securing the data, and ensuring the confidentiality (separation?) of personal and company data are new priorities on our to-do lists. This session explores mobile device security and helps you find a starting point for securing your mobile device outbreak (was it really an initiative?).

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Security: “Implementing a Security Program Using NIST Standards – Simple Project Plan”

Presenter: Lynne Pizzini, State of Montana

This session will provide information on the newly updated NIST 800-53 Rev 4 Common Controls standards and how to implement them in your organization. This session will cover a program plan for implementation including policy, planning, and risk assessments.

Security: “Protecting Yourself Online”

Presenter: Gary Seder, Montana Division of Criminal Investigation - Agent

This session will provide information on protecting yourself online as well as the increase of Identity theft through social network sites. The session will also discuss applications and phone features being utilized to track and monitor our daily activities. The session will provide information on the dangers of Wi-Fi use and home Wi-Fi security.

Security: “User Education”

Presenter: Lisa Vasa, State of Montana

This session will provide information about implementing cyber security training and awareness programs within your organization. We will be discussing the SANS Securing the Human (STH) training and SITSD awareness events as well as discussing resources available for helping design your programs.

Security: “Disaster Recovery: Understanding the Tactical Component of a Business Continuity Plan”

Presenter: Jason Schaller, Anderson Zurmuehlen - Information Security Manager

In this session you will learn difference between business continuity and disaster recovery, and discuss the different parts of a disaster recovery plan including business impact and risk assessment, contingency planning, recovery time objectives, recovery site models, and datacenter recovery plans. Organizations without a disaster recovery plan will learn how to start a plan, and those with existing plans can learn how to make them better.